



# 20 Years of Progress in Processing Nuclear Waste

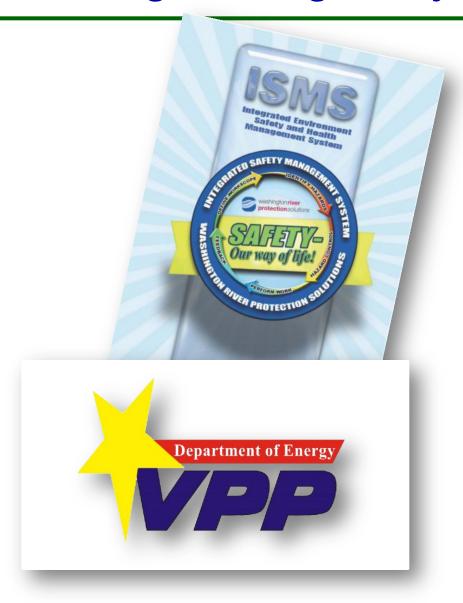
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Executive Vice President URS Energy & Environment Group

Weapons Complex Monitor
Waste Management & Cleanup Decisionmakers' Forum
Jacksonville, Florida \* October 13-16, 2009



## Enhancing a Strong Safety Culture



- Total Recordable Case Rate nearly 50% lower than FY-08
- DART Case Rate > 60% lower
- Improving program for worker protection from tank vapors
- Integrated Safety Management System Phase 1&2 verifications completed
- Working toward VPP Star status for the entire organization in FY 2010

## Retrieval Progress Continues

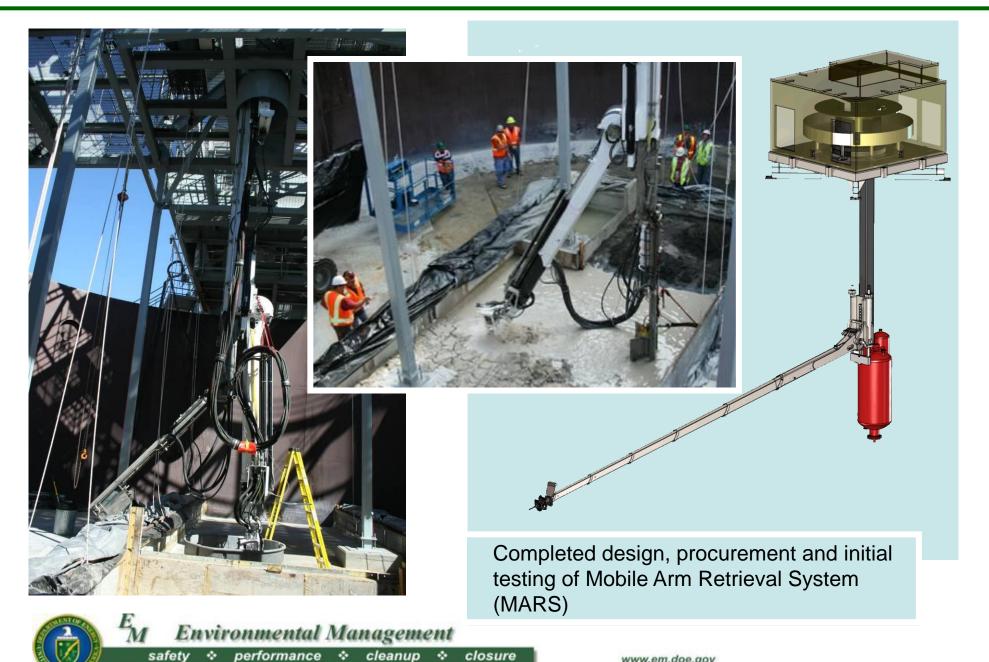


- Completed C-110 retrieval to limits of technology
- Completed construction work for C-104 retrieval; to begin in October
- Mobilized C-111 construction forces for equipment removal
- Completed removal of legacy hose-in-hose transfer lines

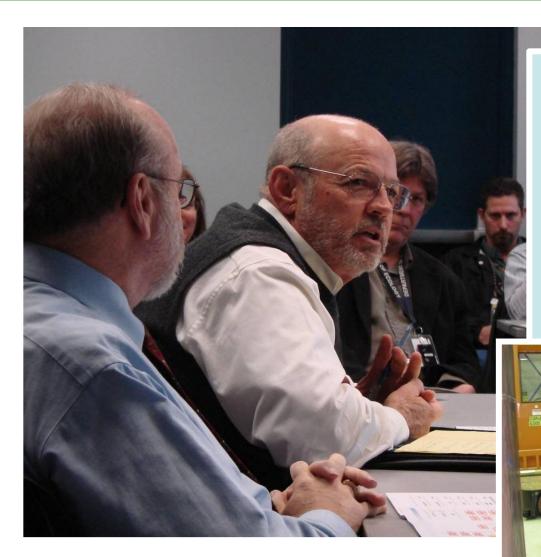




## Mobile Arm Retrieval System Aims to Improve Retrieval Efficiency



## Single-Shell Tank Integrity Program Established



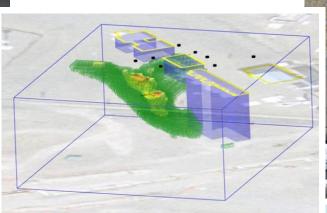
- Panel of nationally recognized experts
- Review information and programs regarding single-shell tanks
- Recommend enhancements to support the extension of the operational life of the single-shell tanks

# Waste Management Focuses on Retrieval Support, Facility Upgrades



# Surface and Vadose Zone Characterization Aids in Barrier Development









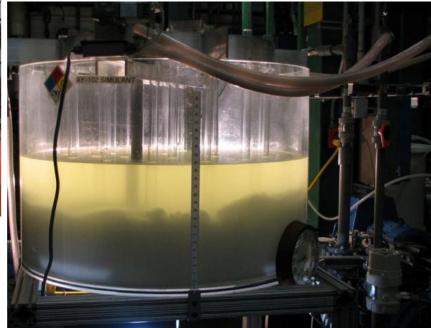
- Completed Near-Surface Characterization for New Barrier Site in SX-Farm
- Completed Direct Push Sampling in C-Farm
- Completed design of TY-Farm Surface Barrier



#### Waste Treatment Plant Support a Key Focus



- Updated River Protection Project System Plan
- Performed waste feed delivery mixing and sampling demonstrations
- Preparing for accelerated turnover of some WTP plant facilities



#### Recovery Act to Help Prepare to Feed WTP



Facility Upgrades

Transfer Line Upgrades

\$323 Million





## Leveraging Parent Company Experience



- National, international high-level waste experience
  - Developing regulatory strategies to execute EM tank waste mission
  - URS advancing the maturity of needed technologies
  - Best and brightest international talent





